# FOOD PRICE SURVEY

Northwest Territories

1985

Northwest Territories Canada

# FOOD PRICE SURVEY

Northwest Territories 1985

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Northwest Territories, 1985

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## FOREWORD

During the summer of 1985 the Bureau of Statistics in conjunction with the Department of Social Services conducted the second in a series of food price surveys in NWT communities. The results of this survey are presented in this report.

This survey was made possible through the co-operation and assistance of the food stores in the communities. We would also like to acknowledge the assistance provided by Statistics Canada's Prices Division in the planning of this survey.

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## TABLE OF CONTENTS


| | Page |
|---|---|
| Foreword | iii |
| List of Tables | vii |
| Introduction | 1 |
| Highlights | 3 |

APPENDIXES

| | | |
|---|---|---|
| A. | SURVEY METHODOLOGY | 11 |
| B. | ITEMS SURVEYED | 17 |

## SYMBOLS AND ABBREVIATIONS

| | | | |
|---|---|---|---|
| (no.) | number | (%) | percent |
| .. | not available | YK | Yellowknife |

## LIST OF TABLES


| Table | | Page |
|---|---|---|
| 1. | FOOD PRICE INDEXES, by Major Category and Selected Communities Northwest Territories, June 1985 | 4 |
| 2. | FOOD PRICE INDEXES AND PRICING INFORMATION, by Selected Communities Northwest Territories, June 1985 | 7 |
| 3. | FOOD PRICE INDEXES, by Selected Communities Northwest Territories, October 1982 and June 1985 | 10 |

# INTRODUCTION

During the summer of 1985 the Bureau of Statistics and Department of Social Services undertook the second in a series of food price surveys in NWT communities. The results of the 1985 survey are presented in this report along with information from the first food price survey which was done in the fall of 1982.

The 1985 survey compares each community's food prices to those found in Yellowknife, incorporating over 11,000 price quotes for 144 food items. Food items priced in the survey cover the eleven food groupings identified in Statistics Canada's Consumer Price Index:

- meat;
- fish;
- dairy products & eggs;
- cereal & bakery products;
- fruit;
- vegetables;
- sugar & sugar preparations;
- coffee & tea;
- fats & oils;
- non-alcoholic beverages;
- other food items.

In this report, price differences between Yellowknife and other communities surveyed are expressed as index numbers where the index value for Yellowknife is set at 100. A community food price index x points higher (or lower) than 100 means that prices for food in that community are x percent higher (or lower) than Yellowknife, and shows how much more (or less) food would cost a Yellowknife household at that community's prices.

Index values for June 1985 were calculated from prices collected for the 144 food items included in the survey. The importance of each food item (or grouping of items) in this calculation is referred to as its weight and is expressed as a percentage of total expenditures for items included in the survey. Expenditure data used for weighting purposes is based on Statistics Canada's 1982 survey of Yellowknife family expenditures.

## HIGHLIGHTS

### 1985 Survey Results

For June 1985, the food price index (Yellowknife = 100) varied from a low of 96 in Hay River and Pine Point to a high of 203 in Spence Bay. This means food items purchased for $100 in Yellowknife cost approximately $96 in Hay River and Pine Point and $203 in Spence Bay. On the whole, food prices were lower in Fort Smith Region and higher elsewhere. (See Table 1.)

Looking specifically at NWT regions, Baffin community food price indexes varied from 147 in Hall Beach to 175 in Grise Fiord. In the Keewatin Region, food prices were lowest in Eskimo Point (132) and the highest in Repulse Bay (183). For the Kitikmeot, food price indexes ranged from below 150 in Coppermine (147) and Cambridge Bay (148) to 200 and higher in Pelly Bay (200), Gjoa Haven (201) and Spence Bay (203) - the highest food prices recorded in the survey. In the Inuvik Region, Fort McPherson (119), Tuktoyaktuk (125) Arctic Red River (128) and Inuvik (129) displayed lower food prices, with the highest index value being observed for Sachs Harbour (183). In the Fort Smith Region, food prices were somewhat lower than Yellowknife in Pine Point (96), Hay River (96) and Fort Smith (97). The highest prices in that region were observed in Snowdrift (169).

### Price Quotes and Products Matched

Table 2 provides statistics on the number of price quotes used for calculating each community's 1985 food price index, the associated number of food items matched to items surveyed in Yellowknife, and the percentage of food expenditure weights represented by those items. Care should be taken when using price indexes for various communities. Expenditure weight percentage coverage ranged from a high of 96 percent in Inuvik to a low of just 27 percent in Wrigley. (A price index was not calculated for Bay Chimo for which there was only 10 percent expenditure weight coverage.) Furthermore, some of the communities (for example, Broughton Island and Tuktoyaktuk) had food price specials during the survey period resulting in lower food price indexes.

### Comparisons with the 1982 Survey

Table 3 presents the results of the October 1982 food price survey. Results from the two surveys are not strictly comparable. Over time the survey methodology has been refined, the basket of food items has been modified and some changes have been made to the stores surveyed. In addition, the brands or sizes priced have varied between surveys, along with the weights for particular items.

Table 1. FOOD PRICE INDEXES, by Major Category and Selected Communities
Northwest Territories, June 1985
(Yellowknife = 100)

| | All Items | Meat | Fish | Dairy & Eggs | Cereal & Bakery | Fruit | Vege-tables | Sugar | Coffee & Tea | Fats & Oils | Non-Alcoh. Bev. | Other Food Items |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Baffin Region** | | | | | | | | | | | | |
| Arctic Bay | 167 | 142 | 119 | 189 | 115 | 212 | 214 | 157 | 101 | 168 | 150 | 159 |
| Broughton Island | 153 | 142 | 102 | 194 | 124 | 158 | 160 | 149 | 97 | 141 | 146 | 152 |
| Cape Dorset | 167 | 145 | 125 | 180 | 165 | 200 | 193 | 165 | 98 | 169 | 149 | 148 |
| Clyde River | 166 | 160 | 127 | 167 | 137 | 176 | 220 | 154 | 100 | 154 | 147 | 154 |
| Frobisher Bay | 155 | 133 | 116 | 181 | 150 | 174 | 164 | 162 | 108 | 160 | 141 | 149 |
| Grise Fiord | 175 | 130 | 131 | 285 | 145 | 143 | 190 | 175 | 118 | 192 | 174 | 143 |
| Hall Beach | 147 | 115 | 103 | 186 | 116 | 162 | 180 | 154 | 87 | 149 | 146 | 149 |
| Igloolik | 166 | 165 | 133 | 177 | 133 | 191 | 175 | 165 | 105 | 175 | 154 | 155 |
| Lake Harbour | 165 | 138 | 139 | 211 | 141 | 168 | 174 | 169 | 95 | 116 | 192 | 170 |
| Nanisivik | 163 | 151 | 109 | 201 | 128 | 156 | 191 | 154 | 109 | 141 | 159 | 163 |
| Pangnirtung | 166 | 148 | 117 | 190 | 124 | 200 | 195 | 162 | 95 | 133 | 147 | 171 |
| Pond Inlet | 162 | 142 | 119 | 195 | 113 | 186 | 193 | 148 | 89 | 150 | 140 | 181 |
| Resolute | 163 | 149 | 116 | 196 | 158 | 143 | 163 | 150 | 136 | 148 | 219 | 159 |
| Sanikiluaq | 152 | 143 | 121 | 156 | 128 | 161 | 177 | 176 | 111 | 171 | 157 | 143 |
| **Keewatin Region** | | | | | | | | | | | | |
| Baker Lake | 165 | 148 | 113 | 171 | 138 | 193 | 196 | 174 | 114 | 136 | 195 | 155 |
| Chesterfield Inlet | 168 | 137 | 118 | 199 | 151 | 174 | 195 | 162 | 108 | 167 | 186 | 183 |
| Coral Harbour | 180 | 157 | 120 | 220 | 176 | 204 | 192 | 160 | 103 | 152 | 170 | 148 |
| Eskimo Point | 132 | 107 | 107 | 146 | 125 | 144 | 142 | 140 | 123 | 133 | 170 | 142 |
| Rankin Inlet | 155 | 123 | 113 | 183 | 142 | 163 | 171 | 160 | 107 | 170 | 218 | 156 |
| Repulse Bay | 183 | 153 | 119 | 226 | 129 | 179 | 223 | 204 | 109 | 150 | 284 | 171 |
| Whale Cove | 162 | 119 | 109 | 161 | 157 | 201 | 188 | 184 | 125 | 172 | 233 | 189 |

(continued)

Table 1. FOOD PRICE INDEXES, by Major Category and Selected Communities (continued)
Northwest Territories, June 1985
(Yellowknife = 100)

| | All Items | Meat | Fish | Dairy & Eggs | Cereal & Bakery | Fruit | Vege-tables | Sugar | Coffee & Tea | Fats & Oils | Non-Alcoh. Bev. | Other Food Items |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kitikmeot Region | | | | | | | | | | | | |
| Bay Chimo | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Cambridge Bay | 148 | 118 | 106 | 169 | 139 | 179 | 169 | 151 | 99 | 131 | 173 | 133 |
| Coppermine | 146 | 131 | 108 | 183 | 148 | 159 | 142 | 152 | 98 | 126 | 139 | 123 |
| Gjoa Haven | 201 | 183 | 133 | 249 | 190 | 238 | 226 | 156 | 105 | 149 | 143 | 151 |
| Holman | 176 | 154 | 120 | 214 | 172 | 181 | 224 | 162 | 100 | 121 | 143 | 136 |
| Pelly Bay | 200 | 148 | 135 | 248 | 160 | 186 | 236 | 224 | 121 | 134 | 415 | 189 |
| Spence Bay | 203 | 158 | 123 | 327 | 186 | 210 | 202 | 157 | 95 | 151 | 158 | 163 |
| Inuvik Region | | | | | | | | | | | | |
| Aklavik | 147 | 136 | 115 | 142 | 154 | 166 | 167 | 140 | 103 | 135 | 157 | 136 |
| Arctic Red River | 128 | 126 | 128 | 117 | 141 | 125 | 120 | 116 | 114 | 137 | 156 | 147 |
| Colville Lake | 150 | 149 | 118 | 175 | 134 | 151 | 145 | 187 | 109 | 161 | 150 | 128 |
| Fort Franklin | 149 | 133 | 114 | 154 | 151 | 207 | 165 | 128 | 105 | 132 | 119 | 116 |
| Fort Good Hope | 145 | 131 | 99 | 132 | 148 | 189 | 181 | 113 | 105 | 125 | 119 | 139 |
| Fort McPherson | 120 | 110 | 103 | 120 | 120 | 129 | 124 | 123 | 98 | 130 | 137 | 127 |
| Fort Norman | 161 | 147 | 113 | 190 | 149 | 176 | 197 | 118 | 99 | 120 | 119 | 135 |
| Inuvik | 129 | 111 | 95 | 140 | 125 | 144 | 146 | 122 | 115 | 116 | 132 | 124 |
| Norman Wells | 160 | 137 | 119 | 185 | 144 | 187 | 182 | 158 | 118 | 176 | 119 | 162 |
| Paulatuk | 163 | 166 | 140 | 183 | 136 | 146 | 133 | 233 | 157 | 135 | 271 | 154 |
| Sachs Harbour | 183 | 163 | 126 | 194 | 172 | 209 | 196 | 179 | 129 | 131 | 271 | 168 |
| Tuktoyaktuk | 125 | 128 | 113 | 126 | 123 | 126 | 119 | 133 | 98 | 116 | 132 | 125 |

(continued)

Table 1. FOOD PRICE INDEXES, by Major Category and Selected Communities (continued)
Northwest Territories, June 1985
(Yellowknife = 100)

| | All Items | Meat | Fish | Dairy & Eggs | Cereal & Bakery | Fruit | Vege-tables | Sugar | Coffee & Tea | Fats & Oils | Non-Alcoh. Bev. | Other Food Items |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fort Smith Region | | | | | | | | | | | | |
| Fort Liard | 111 | 118 | 108 | 104 | 104 | 115 | 110 | 108 | 100 | 98 | 121 | 112 |
| Fort Providence | 101 | 100 | 96 | 98 | 96 | 98 | 112 | 101 | 92 | 95 | 110 | 103 |
| Fort Resolution | 103 | 101 | 93 | 95 | 103 | 110 | 103 | 104 | 86 | 100 | 117 | 117 |
| Fort Simpson | 103 | 91 | 94 | 105 | 103 | 110 | 110 | 113 | 108 | 118 | 95 | 110 |
| Fort Smith | 97 | 93 | 87 | 97 | 100 | 102 | 94 | 97 | 99 | 93 | 94 | 108 |
| Hay River | 96 | 93 | 93 | 102 | 94 | 97 | 83 | 102 | 100 | 99 | 109 | 112 |
| Jean Marie River | 139 | 139 | 136 | 133 | 158 | 138 | 134 | 182 | 93 | 162 | 139 | 131 |
| Nahanni Butte | 141 | 150 | 129 | 141 | 121 | 120 | 143 | 133 | 127 | 119 | 139 | 201 |
| Pine Point | 96 | 97 | 95 | 89 | 96 | 98 | 96 | 92 | 118 | 101 | 87 | 112 |
| Rae-Edzo | 106 | 107 | 98 | 99 | 107 | 105 | 111 | 103 | 87 | 94 | 124 | 112 |
| Snowdrift | 169 | 155 | 143 | 178 | 162 | 144 | 232 | 185 | 137 | 172 | 172 | 137 |
| Wrigley | 133 | 130 | 105 | 146 | 115 | 132 | 131 | 156 | 112 | 119 | 131 | 165 |
| Yellowknife | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

Table 2. FOOD PRICE INDEXES AND PRICING INFORMATION, by Selected Communities
Northwest Territories, June 1985

| | Food Price Index (YK=100) | Yellowknife Price Quotes Used (no.) | Community Price Quotes Used (no.) | Yellowknife Food Items Matched (no.) | Expenditure Weights Coverage (%) | |
|---|---|---|---|---|---|---|
| Baffin Region | | | | | | Baffin Region |
| Arctic Bay | 167 | 405 | 114 | 90 | 73 | Arctic Bay |
| Broughton Island | 153 | 313 | 112 | 68 | 60 | Broughton Island |
| Cape Dorset | 167 | 458 | 188 | 93 | 73 | Cape Dorset |
| Clyde River | 166 | 323 | 105 | 68 | 66 | Clyde River |
| Frobisher Bay | 155 | 671 | 392 | 126 | 95 | Frobisher Bay |
| Grise Fiord | 175 | 269 | 87 | 60 | 51 | Grise Fiord |
| Hall Beach | 147 | 265 | 88 | 70 | 58 | Hall Beach |
| Igloolik | 166 | 422 | 193 | 90 | 71 | Igloolik |
| Lake Harbour | 165 | 114 | 40 | 33 | 34 | Lake Harbour |
| Nanisivik | 163 | 362 | 134 | 85 | 72 | Nanisivik |
| Pangnirtung | 166 | 277 | 89 | 66 | 61 | Pangnirtung |
| Pond Inlet | 162 | 355 | 116 | 86 | 72 | Pond Inlet |
| Resolute | 163 | 516 | 236 | 104 | 83 | Resolute |
| Sanikiluaq | 152 | 507 | 248 | 103 | 78 | Sanikiluaq |
| Keewatin Region | | | | | | Keewatin Region |
| Baker Lake | 165 | 421 | 125 | 90 | 77 | Baker Lake |
| Chesterfield Inlet | 168 | 498 | 222 | 101 | 87 | Chesterfield Inlet |
| Coral Harbour | 180 | 409 | 194 | 84 | 76 | Coral Harbour |
| Eskimo Point | 132 | 577 | 293 | 103 | 82 | Eskimo Point |
| Rankin Inlet | 155 | 654 | 346 | 117 | 90 | Rankin Inlet |
| Repulse Bay | 183 | 419 | 169 | 82 | 70 | Repulse Bay |
| Whale Cove | 162 | 412 | 170 | 77 | 60 | Whale Cove |

(continued)

Table 2. FOOD PRICE INDEXES AND PRICING INFORMATION, by Selected Communities (continued)
Northwest Territories, June 1985

| | Food Price Index (YK=100) | Yellowknife Price Quotes Used (no.) | Community Price Quotes Used (no.) | Yellowknife Food Items Matched (no.) | Expenditure Weights Coverage (%) | |
|---|---|---|---|---|---|---|
| Kitikmeot Region | | | | | | Kitikmeot Region |
| Bay Chimo | .. | 60 | 12 | 20 | 10 | Bay Chimo |
| Cambridge Bay | 148 | 654 | 335 | 123 | 92 | Cambridge Bay |
| Coppermine | 147 | 506 | 225 | 106 | 89 | Coppermine |
| Gjoa Haven | 201 | 378 | 131 | 81 | 63 | Gjoa Haven |
| Holman | 176 | 322 | 98 | 75 | 67 | Holman |
| Pelly Bay | 200 | 318 | 83 | 72 | 67 | Pelly Bay |
| Spence Bay | 203 | 542 | 257 | 110 | 83 | Spence Bay |
| Inuvik Region | | | | | | Inuvik Region |
| Aklavik | 147 | 593 | 313 | 105 | 81 | Aklavik |
| Arctic Red River | 128 | 215 | 64 | 43 | 37 | Arctic Red River |
| Colville Lake | 150 | 229 | 66 | 53 | 34 | Colville Lake |
| Fort Franklin | 149 | 471 | 175 | 103 | 82 | Fort Franklin |
| Fort Good Hope | 145 | 356 | 107 | 73 | 63 | Fort Good Hope |
| Fort McPherson | 120 | 578 | 281 | 105 | 85 | Fort McPherson |
| Fort Norman | 161 | 399 | 98 | 89 | 70 | Fort Norman |
| Inuvik | 129 | 697 | 322 | 123 | 96 | Inuvik |
| Norman Wells | 160 | 516 | 175 | 126 | 87 | Norman Wells |
| Paulatuk | 163 | 253 | 86 | 56 | 46 | Paulatuk |
| Sachs Harbour | 183 | 418 | 136 | 91 | 74 | Sachs Harbour |
| Tuktoyaktuk | 125 | 642 | 317 | 121 | 87 | Tuktoyaktuk |

(continued)

Table 2. FOOD PRICE INDEXES AND PRICING INFORMATION, by Selected Communities (continued)
Northwest Territories, June 1985

| | Food Price Index (YK=100) | Yellowknife Price Quotes Used (no.) | Community Price Quotes Used (no.) | Yellowknife Food Items Matched (no.) | Expenditure Weights Coverage (%) | |
|---|---|---|---|---|---|---|
| Fort Smith Region | | | | | | Fort Smith Region |
| Fort Liard | 111 | 605 | 302 | 113 | 88 | Fort Liard |
| Fort Providence | 101 | 556 | 226 | 111 | 89 | Fort Providence |
| Fort Resolution | 103 | 455 | 154 | 97 | 84 | Fort Resolution |
| Fort Simpson | 103 | 739 | 394 | 122 | 93 | Fort Simpson |
| Fort Smith | 97 | 715 | 438 | 136 | 94 | Fort Smith |
| Hay River | 96 | 713 | 420 | 135 | 93 | Hay River |
| Jean Marie River | 139 | 131 | 44 | 29 | 17 | Jean Marie River |
| Nahanni Butte | 141 | 185 | 54 | 41 | 38 | Nahanni Butte |
| Pine Point | 96 | 537 | 163 | 133 | 93 | Pine Point |
| Rae-Edzo | 106 | 617 | 288 | 118 | 91 | Rae-Edzo |
| Snowdrift | 169 | 267 | 63 | 60 | 39 | Snowdrift |
| Wrigley | 133 | 201 | 64 | 41 | 27 | Wrigley |
| Yellowknife | 100 | 1,091 | 1,091 | 144 | 100 | Yellowknife |

Table 3. FOOD PRICE INDEXES, by Selected Communities
Northwest Territories, June 1985 and October 1982
(Yellowknife = 100)

| | 1985 | 1982 |
|---|---|---|
| **Baffin Region** | | |
| Arctic Bay | 167 | 155 |
| Broughton Island | 153 | 153 |
| Cape Dorset | 167 | 168 |
| Clyde River | 166 | .. |
| Frobisher Bay | 155 | 141 |
| Grise Fiord | 175 | .. |
| Hall Beach | 147 | 155 |
| Igloolik | 166 | 169 |
| Lake Harbour | 165 | 151 |
| Nanisivik | 163 | .. |
| Pangnirtung | 166 | 155 |
| Pond Inlet | 162 | 164 |
| Resolute | 163 | 179 |
| Sanikiluaq | 152 | 139 |
| **Keewatin Region** | | |
| Baker Lake | 165 | 137 |
| Chesterfield Inlet | 168 | 149 |
| Coral Harbour | 180 | .. |
| Eskimo Point | 132 | 127 |
| Rankin Inlet | 155 | 146 |
| Repulse Bay | 183 | 173 |
| Whale Cove | 162 | 161 |
| **Kitikmeot Region** | | |
| Bay Chimo | .. | .. |
| Cambridge Bay | 148 | 152 |
| Coppermine | 147 | 159 |
| Gjoa Haven | 201 | 173 |
| Holman | 176 | 163 |
| Pelly Bay | 200 | 181 |
| Spence Bay | 203 | 168 |
| **Inuvik Region** | | |
| Aklavik | 147 | 140 |
| Arctic Red River | 128 | 131 |
| Colville Lake | 150 | .. |
| Fort Franklin | 149 | 150 |
| Fort Good Hope | 145 | 148 |
| Fort McPherson | 120 | 122 |
| Fort Norman | 161 | 141 |
| Inuvik | 129 | 124 |
| Norman Wells | 160 | 163 |
| Paulatuk | 163 | 161 |
| Sachs Harbour | 183 | 174 |
| Tuktoyaktuk | 125 | 164 |
| **Fort Smith Region** | | |
| Fort Liard | 111 | 120 |
| Fort Providence | 101 | 102 |
| Fort Resolution | 103 | 119 |
| Fort Simpson | 103 | 109 |
| Fort Smith | 97 | 96 |
| Hay River | 96 | 101 |
| Jean Marie River | 139 | .. |
| Nahanni Butte | 141 | 147 |
| Pine Point | 96 | 95 |
| Rae-Edzo | 106 | 112 |
| Snowdrift | 169 | 153 |
| Wrigley | 133 | .. |
| Yellowknife | 100 | 100 |

# APPENDIX A

# SURVEY METHODOLOGY

## APPENDIX A

## SURVEY METHODOLOGY

1. Items Priced

Items included in this food price survey were selected from the eleven components of consumer food expenditure included in the Consumer Price Index (CPI):

- meat;
- fish;
- dairy products & eggs;
- cereal & bakery products;
- fruit;
- vegetables;
- sugar & sugar preparations;
- coffee & tea;
- fats & oils;
- non-alcoholic beverages;
- other foods items.

A list of specific items surveyed is provided in Appendix B.

2. Collection of Price Data

Pricing of food items was completed in most communities during May and June 1985. Data collection was done by a contractor in Yellowknife and by Department of Social Services staff in other communities, using survey forms prepared by the Bureau of Statistics.

To ensure valid price comparisons between Yellowknife and the other communities, the same food items were surveyed in all communities. For each item, prices were collected for all brands and sizes available in retail grocery stores. Prices collected were prevailing retail prices in each community. Sale prices, where found, were used as prevailing retail prices.

3. Item Weights

Price indexes for 1985 were calculated by averaging the price information collected for particular food items. This averaging procedure reflects the relative importance, or weight, of each food item in Yellowknife household budgets as determined from Statistics Canada's 1982 Family Expenditure Survey. For the June 1985 survey, weights refer to 1982 family expenditures valued at June 1985 prices. Yellowknife buying patterns were used to calculate the price indexes because the appropriate family expenditure information is not available for other NWT communities.

4. Calculation of Indexes

Price indexes were calculated based on item level price information. Where only a single brand and size for an item was matched in a community and Yellowknife, the unit price for that item in the community was divided by the corresponding unit price in Yellowknife to obtain a price ratio (also referred to as a price relative). Where more than one brand or size is matched, price ratios were calculated for each brand and size, and then averaged to obtain the price relative for that item. Item price relatives were then combined using expenditure weights to determine price indexes for the various food groups and an overall food price index.

To illustrate this procedure, consider the calculation of the Inuvik fruit price index (Yellowknife = 100). This price index and those of its components, along with expenditure weights, are presented in the following tables:

FRUIT PRICE INDEXES, by Component
Inuvik, June 1985
(Yellowknife = 100)

| | Weight (%) | Price Index (YK=100) |
|---|---|---|
| Fruit | 1.60 | 143.80 |
| Fresh Fruit | 0.91 | 153.70 |
| Frozen Fruit | 0.03 | 147.87 |
| Dried Fruit | 0.05 | 106.23 |
| Fruit Juice | 0.21 | 123.44 |
| Concentrated Fruit Juice | 0.23 | 155.20 |
| Canned Fruit | 0.17 | 110.84 |

The fruit index is a weighted average of its sub-indexes, calculated as follows:

$$\frac{0.91}{1.60} \times 153.70 + \frac{0.03}{1.60} \times 147.87 + \frac{0.05}{1.60} \times 106.23 + \frac{0.21}{1.60} \times 123.44$$

$$+ \frac{0.23}{1.60} \times 155.20 + \frac{0.17}{1.60} \times 110.84$$

$$= 87.42 + 2.77 + 3.32 + 16.20 + 22.31 + 11.78$$

$$= 143.80$$

In turn, the sub-indexes of the fruit juice category are weighted averages of price ratios at the item level. As an example, consider the calculation of the Inuvik fruit juice price index. The required data are provided in the following table:

FRUIT JUICE PRICE INDEXES, by Item
Inuvik, June 1985
(Yellowknife = 100)

| | Weight (%) | Price Index (YK=100) |
|---|---|---|
| Fruit Juice | 0.212 | 123.44 |
| Apple Juice | 0.097 | 132.18 |
| Grapefruit Juice | 0.020 | 126.24 |
| Orange Juice | 0.044 | 109.63 |
| Pineapple Juice | 0.051 | 117.64 |

The fruit juice index is calculated as follows:

$$\frac{0.097}{0.212} \times 132.18 + \frac{0.020}{0.212} \times 126.24 + \frac{0.044}{0.212} \times 109.63 + \frac{0.051}{0.212} \times 117.64$$

$$= 60.48 + 11.91 + 22.75 + 28.30$$

$$= 123.44$$

5. Price Imputation

Where identical products were not available for pricing, item level price relatives were estimated from groups of similar items. Groupings were based on factors such as product similarity, perishability, and storage requirements.

# APPENDIX B

## ITEMS SURVEYED

## APPENDIX B

## ITEMS SURVEYED

### MEAT

#### Beef

Sirloin Steak (with bone)
Sirloin Steak (boneless)
T-bone Steak
Round Steak (with bone)
Round Steak (boneless)
Rump Roast (with bone)
Rump Roast (boneless)
Cross Rib Roast (rolled)
Prime Rib Roast (standing)
Blade Roast (rolled)
Stewing Beef
Ground Beef (regular)
Ground Beef (medium)
Ground Beef (lean)
Beef Sausage
Beef Liver
Other Beef Cuts

#### Pork

Pork Chops
Shoulder Roast (picnic, with bone)
Shoulder Roast (picnic, boneless)
Spare Ribs (back)
Spare Ribs (side)
Pork Sausage
Other Pork Cuts

#### Poultry

Chicken (fryer)
Chicken (roaster)
Chicken Breasts
Chicken Legs
Turkey

#### Cured Meat

Smoked Ham (precooked, with bone)
Smoked Ham (precooked, boneless)
Cottage Rolls (smoked, boneless)
Bacon

#### Meat Preparations

Wieners (packaged)
Bologna (bulk)
Bologna (packaged)
Ham (sliced, packaged)

#### Canned Meat

Luncheon Meat
Canned Whole Chicken
Canned Bacon (sliced)
Canned Ham (boneless)
Canned Beef Stew

## FISH

### Fish

Blue Fish
Ocean Perch
Sole
Haddock
Turbot
Cod

### Canned Fish

Canned Salmon (sockeye)
Canned Salmon (pink)
Sardines
Tuna (white, solid)
Tuna (white, flaked)

## DAIRY PRODUCTS AND EGGS

### Dairy Products

Fresh Milk (homo)
Fresh Milk (2%)
U.H.T. Milk (2%)
Butter
Yogurt
Cheddar Cheese (mild)
Cheddar Cheese (medium)
Cheddar Cheese (old)
Processed Cheese (packaged)
Processed Cheese (sliced)
Cheese Whiz
Skim Milk Powder
Evaporated Milk
Ice Cream

### Eggs

Eggs (large)
Eggs (medium)

## CEREAL AND BAKERY PRODUCTS

### Cereal Products

Rice (instant, long grain)
Rice (instant, short grain)
Flour (all purpose, white)
Macaroni (cut)
Macaroni and Cheese Dinner
Cake Mixes
Cornflakes
Oatmeal (quick type)

### Bakery Products

Bread
Cookies (plain)
Cookies (sandwich cream)
Soda Crackers

## FRUIT

### Fresh Fruit

Apples
Bananas
Grapefruit
Oranges
Pears

Dried Fruit

| | |
|---|---|
| Raisins (Californian) | Raisins (Australian) |

Fruit Juice

| | |
|---|---|
| Canned Apple Juice | Canned Orange Juice |
| Canned Grapefruit Juice | Canned Pineapple Juice |

Concentrated Fruit Juice

| |
|---|
| Frozen Orange Juice |

Canned Fruit and Fruit Preparations

| | |
|---|---|
| Canned Applesauce | Canned Pears |
| Canned Fruit Cocktail | Canned Pineapple |
| Canned Peaches | Strawberry Jam |

**VEGETABLES**

Fresh Vegetables

| | |
|---|---|
| Cabbage | Lettuce |
| Carrots | Onions |
| Celery (stalks) | Potatoes |
| Celery (hearts) | Tomatoes |
| Cucumbers | Mushrooms |

Frozen Vegetables

| | |
|---|---|
| Frozen Corn (kernels) | Frozen Green Beans (cut) |
| Frozen French Fried Potatoes | Frozen Peas |

Dried Vegetables

| | |
|---|---|
| Dried Split Peas (yellow) | Dried Navy Beans |
| Dried Split Peas (green) | |

Canned Vegetables and Vegetable Preparations

| | |
|---|---|
| Canned Baked Beans | Canned Tomatoes |
| Canned Green Beans | Canned Tomato Juice |
| Canned Corn (kernels) | V-8 Vegetable Juice |
| Canned Peas | Instant Mashed Potatoes |

Condiments and Spices

| | |
|---|---|
| Pickles | Salad Dressing |
| Tomato Ketchup | Ground Black Pepper |

## SUGAR & SUGAR PREPARATIONS

### Sugar and Syrup

Sugar
Corn Syrup

### Sugar Preparations

Chocolate Bar

## COFFEE AND TEA

### Coffee

Regular Coffee
Instant Coffee

### Tea

Tea Bags

## FATS & OILS

Margarine (solid)
Margarine (soft)
Shortening
Cooking Oil

## NON-ALCOHOLIC BEVERAGES

Canned Soft Drinks

## OTHER FOODS

Canned Soup
Dried Soup
Baby Food
Pizza
Frozen Meat or Poultry Pies
Honey
Peanut Butter
Powdered Coffee Creamer
Orange Drink Crystals
Table Salt
Jelly Powder
Potato Chips
Peanuts